BOLT MINI

HIGH PERFORMING DMX WORK LIGHT FOR THEATRICAL APPLICATIONS

Housing
200W : 8.26" x 11.41" x 9.05" | 15 lbs

Material
Housing : High Pressure Die-Cast Aluminum
Lens : Tempered Glass

Power Input
200W | 120V, 120-277V

Lumen Output
White : 14,660 lm (100W)
Royal Blue : 1,210 lm (100W)

Dimming
Standard 1-10V : Dims to 10%
DMX : High resolution dims to 10%

Color Quality	Rated Life
CRI 75, CRI 85	> 100,000 Hours (L70)

Finish

Black

Color Temperature

3000K   3500K   4000K   5000K   +   Royal Blue

Optics

30°   60°   Wide

Mounting

Bracket

Warranty
5 year limited warranty

Listing

ETL c US Intertek   CE   UKCA   FC   IK10

Theatrical DMX Work Light

The Bolt Mini is a compact yet powerful DMX-compatible work light, now available in a dual-color configuration with independently controlled white and royal blue channels—ideal for backstage applications where minimal visual interference is critical. Compatible with 0-10V, Forward or Reverse Phase, and 8-bit DMX dimming controls. Offered with a range of beam spreads, theatrical mounting options such as a C-Clamp, and a choice of hard-wired or PowerCON True1 power connections.

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FOR THEATRICAL APPLICATIONS

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SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

The product configurator function on this page works only with the latest version of Chrome or Adobe Acrobat Reader.

BLTM	MODEL	**BOLT MINI SERIES**		
200	WATTAGE	**200** 200W (White : 100W, Royal Blue : 100W)		
	CCT / CRI	**308B** 3000K(CRI 85) + Royal Blue	**358B** 3500K(CRI 85) + Royal Blue	**408B** 4000K(CRI 85) + Royal Blue
		507B 5000K(CRI 75) + Royal Blue		
	VOLTAGE	**120** 120V	**UNV** 120 – 277V	
	DIMMING	**STV** Standard 1-10V dims to 10%	**DMX** DMX dims to 10% (XLR Sockets)	**DMXR** DMX dims to 10% (RJ45 Sockets)
		DMXP DMX dims to 10% (Phoenix Connector)		
	BEAM ANGLE	**30** 30°	**60** 60°	**WD**[1] Wide
BLK	FINISH	**BLK** Black		
BRK	MOUNTING	**BRK** Bracket		
	POWER	**HW**[2] Hard Wired	**TRU1** PowerCON True1 Outlet	
	ACCESSORIES	**WG**[3] Wire Guard (IK10 Rating)	**GSB**[4] Glare Shield Baffle	**GSV**[5] Glare Shield Visor
		DF[6] Diffuser	**CLP** C-clamp Mount	

↺ **CLEAR FORM**

[1] *WD option reduces delivered lumens by ~20%*
[2] *HW includes 2ft whip and bare conductor ends*
[3] *WG option reduces delivered lumens by ~14%*
[4] *GSB option reduces delivered lumens by ~40%*
[5] *GSV option reduces delivered lumens by ~25%*
[6] *DF option reduces delivered lumens by ~12% (~20% with WD)*

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TECHNICAL DETAILS

Electrical

- White : 14,660 lm (100W)
- Royal Blue : 1,210 lm (100W)
- Power Input : 120V, Universal (120-277V)
- Operating Temperature : -40°F~104°F
- Surge Protection : Built-in is 4KV

LED Features

- Color Temperature : 3000K, 3500K, 4000K, 5000K + Royal Blue
- CRI 75, CRI 85
- Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 100,000 Hrs

Optics

- Precision molded high transmittance clear PC lens
- Beam Angle : 30°, 60°, WD

Advanced Dimming

- Proprietary VX Driver™ is incorporated to all dimming options for video flicker-free lighting
- Standard 1-10V : Dims to 10%
- DMX : Dims to 10% (XLR)
- DMXR : Dims to 10% (RJ45)
- DMXP : Dims to 10% (Phoenix Connector)

Housing

- Dimension : 8.26" x 11.41" x 9.05"
- Material : High Pressure Die-Cast Aluminum, Tempered Glass
- Weight : 15 lbs

Mounting

- Bracket

Warranty

- 5-year limited warranty

Listing

- ETL Damp Location Listed
- UKCA
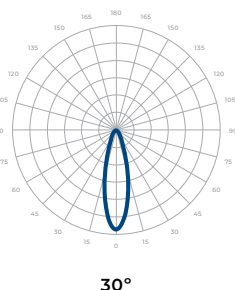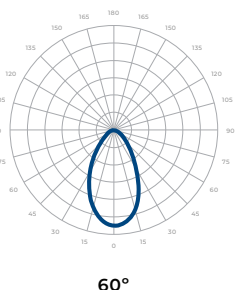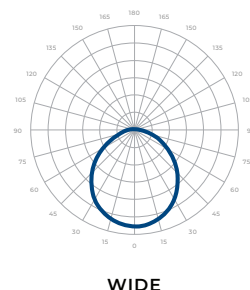- FCC
- CE
- IK10 (With Wire Guard)

PERFORMANCE SUMMARY*

Delivered Lumens					
CCT/WATTAGE	3000K	3500K	4000K	5000K	Royal Blue
100W	12,810lm	13,280lm	13,380lm	14,660lm	1,210lm

*Beam Angle: 60° * Tolerance ±8%*

Current Consumption		
WATTAGE / VOLT	120V	277V
200W	1.83A	0.8A

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PHOTOMETRICS

Below is a typical photometric representation of the Bolt Mini fixture. Please download IES files to ensure exact photometric value.
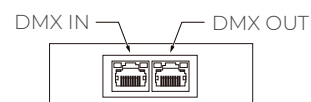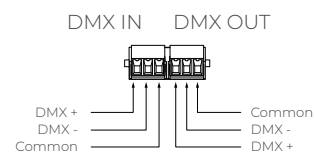

30°

60°

WIDE

DMX REQUIREMENTS

The Bolt Mini fixture with DMX is a **dual channel dmx** unit. When placing an order, please indicate DMX address. (The DMX address will be listed on the back of the fixture). Do not connect more than 32 fixtures per DMX daisy chain.

Channel / Fixture	DMX Address	
	White Control (ex. X)	Blue Control (ex. X+1)
#1	1	2
#2	3	4
#3	5	6

The fixture can be connected with XLR, RJ45 sockets or Phoenix Connector. DMX cables **are not** included; please refer to compatible DMX cabling list for more information. The final fixture on each daisy chain should be terminated by the use of a DMX terminator purchased from a 3rd party or from Meteor.

CONNECTION	RJ45 (CAT5e)	5-PIN XLR
Common	WHITE/BROWN(PIN7) & BROWN (PIN 8)	PIN 1
Signal -	ORANGE (PIN 2)	PIN 2
Signal +	WHITE/ORANGE (PIN 1)	PIN 3
Spare	-	PIN 4
Spare	-	PIN 5

DMX IN — DMX OUT

RJ45 Sockets

DMX IN   DMX OUT

XLR Sockets

DMX IN   DMX OUT

DMX +   Common
DMX -   DMX -
Common   DMX +

Phoenix Connector

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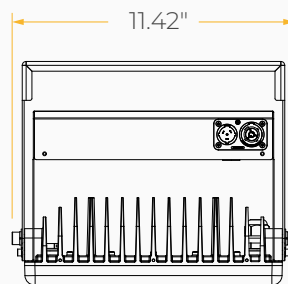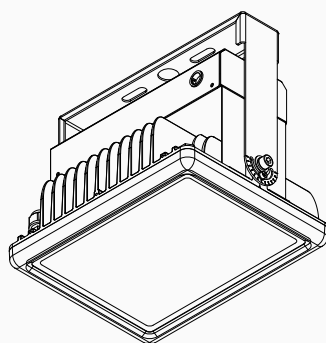
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COMPATIBLE DMX CABLING LIST

DMX uses a cable consisting of two twisted pairs plus a shield to carry data. The cable must be specifically impedance matched for the digital DMX signal, meaning that microphone cable or other non-rated cable **must not be used to carry DMX**. Network cable (Cat5, 5e or 6 cable) may be used to carry DMX in an installation; however special consideration must be given to shielding and termination. Under no circumstances should solid core cable like Cat5 be terminated into a screw down connector.

Meteor recommends the use of Belden 9729 or Belden 9841 for DMX installation. Belden 9729/9841 is a shielded twisted pair cable, which allows for a spare pair for 'out and back' type terminations if needed.
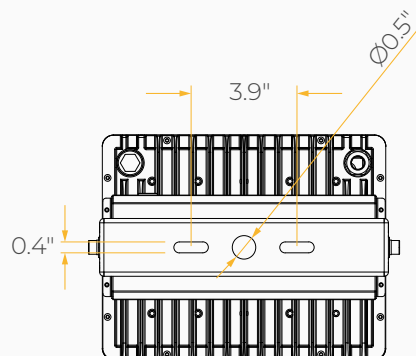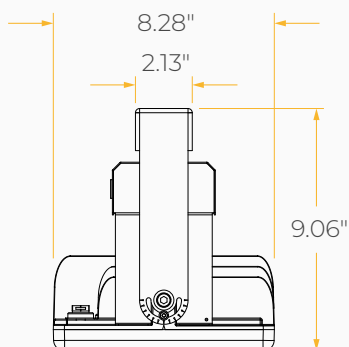
LED DISTRIBUTION

☐ White (100W)
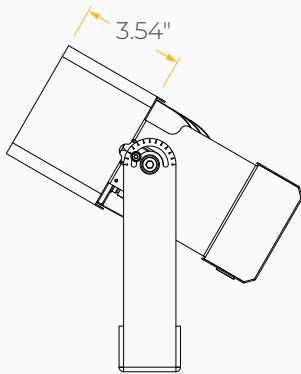
■ Royal Blue (100W)

meteor-lighting.com   1860 S Carlos Ave, Ontario, California 91761 **E:** tech@meteor-lighting.com **T:** 213-255-2060

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DIMENSIONS

11.42"

powerCON® TRUE1
Power Connector

8.28"

2.13"

9.06"

Ø0.5"

3.9"

0.4"

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ACCESSORIES

Glare Shield Baffle

3.54"

Glare Shield Visor

3.54"

Wire Guard

C-clamp Mount

2.55"